

US 40 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

VIDEO TRAFFIC DETECTION CAMERA

CROWN GAS STATION

ROYAL FARM GAS STATION

US 40(PULASKI HWY)

US 40(PULASKI HWY)

CITGO GAS STATION

SHELL GAS STATION (CLOSED)

TO EBENEZER RD

TO BALTO CITY LINE

- CONSTRUCTION DETAILS**
- A INSTALL SINGLE MAST ARM POLE 27', 60' MAST ARM WITH SIGNAL HEADS, SIGNS, VIDEO TRAFFIC DETECTION CAMERA AND LUMINAIRE AS SHOWN. (NOTE: 1-3" SCHEDULE 80 PVC CONDUIT BEND IN FOUNDATION).
 - B INSTALL SINGLE MAST ARM POLE 27', 60' MAST ARM WITH SIGNAL HEADS, SIGNS AND VIDEO TRAFFIC DETECTION CAMERA AS SHOWN. (NOTE: 1-2", 2-3" SCHEDULE 80 PVC CONDUIT BENDS IN FOUNDATION).
 - C INSTALL SINGLE MAST ARM POLE 27', 70' MAST ARM WITH SIGNAL HEADS, SIGNS, VIDEO TRAFFIC DETECTION CAMERA AND LUMINAIRE AS SHOWN. (NOTE: 1-3" SCHEDULE 80 PVC CONDUIT BEND IN FOUNDATION).
 - D INSTALL SINGLE MAST ARM POLE 27, 50' MAST ARM WITH SIGNAL HEADS, SIGNS AND VIDEO TRAFFIC DETECTION CAMERA AS SHOWN. (NOTE: 1-3" SCHEDULE 80 PVC CONDUIT BEND IN FOUNDATION).
 - E INSTALL NEW NEMA SIZE '6' BASE-MOUNTED CABINET WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2", 2-4" SCHEDULE 80 PVC CONDUIT BENDS IN FOUNDATION)
 - F INSTALL HANDHOLE.
 - G INSTALL MICROLOOP DETECTOR PROBES.
 - H INSTALL 6 FT. X 6 FT. VEHICLE LOOP DETECTORS (4 TURNS).
 - I INSTALL 4 INCH POLYVINYL CHLORIDE ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED.
 - J INSTALL 3 INCH POLYVINYL CHLORIDE ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED.
 - K INSTALL 2 INCH POLYVINYL CHLORIDE ELECTRICAL CONDUIT SCHEDULE 80 - TRENCHED.
 - L INSTALL 4 INCH POLYVINYL CHLORIDE ELECTRICAL CONDUIT SCHEDULE 80 - BORED.
 - M INSTALL 2 INCH POLYVINYL CHLORIDE ELECTRICAL CONDUIT SCHEDULE 80 - BORED.
 - N INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALIC CONDUIT FOR LOOP DETECTOR LEAD-IN.
 - O USE EXISTING CONDUIT.
 - P USE EXISTING HANDHOLE.
 - Q ABANDON EXISTING CONDUIT.
 - R ABANDON EXISTING HANDHOLE.
 - S REMOVE EXISTING CABINET.
 - T REMOVE EXISTING STRAIN POLE, SIGNAL HEADS AND SIGNS.
 - U REMOVE AND REPLACE EXISTING SIDEWALK.
 - V VIDEO IMAGING VIRTUAL LOOP LOCATION (TO BE CONFIGURED BY SHA).
 - W DISCONNECT EXISTING INTERCONNECT CABLE FROM EXISTING CABINET. PULL CABLE BACK TO EXISTING HANDHOLE LABELED 'a'. REROUTE TO PROPOSED BASED MOUNTED CABINET.

UTILITY LEGEND

- G—G— GAS MAIN
- W—W— WATER MAIN
- S—S— SEWER MAIN
- E—E— ELECTRIC CABLES
- A—A— AERIAL CABLES
- T—T— TELEPHONE CABLES

PROPOSED SIGNS

EXISTING SIGNS

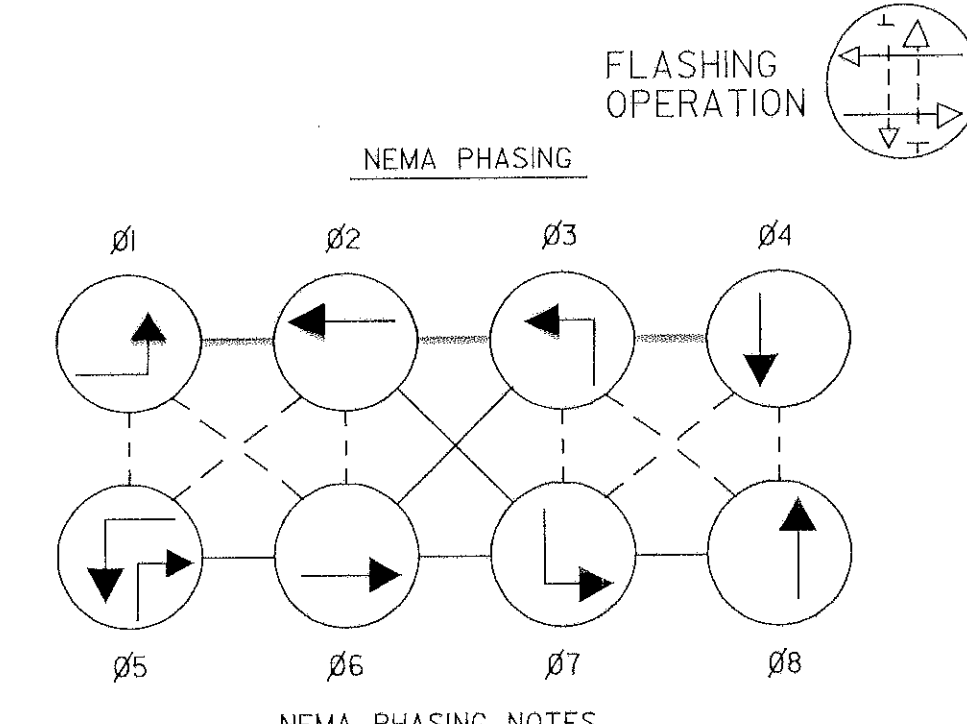
15a, 15b, 16a, 16b 17, 20 18, 21 19 26, 30, 34, 35 27, 31 36

PROPOSED SIGNS:

- 15a, 15b, 16a, 16b: D-3(1) Var X 16" DUAL FACE
- 17, 20: LEFT TURN YIELD ON GREEN R10-12 36"x42"
- 18, 21: ONLY R3-5L 30"x36"
- 19: ONLY R3-5R 30"x36"
- 22: EAST 40 ASSOCIATED SHIELD ASSEMBLY 24"x51"
- 23: WEST 40 ASSOCIATED SHIELD ASSEMBLY 48"x75"
- 24: WEST 40 ASSOCIATED SHIELD ASSEMBLY 24"x51"
- 25: EAST 40 ASSOCIATED SHIELD ASSEMBLY 48"x75"
- 26, 30, 34, 35: R7-1(1) 12"x18"
- 27, 31: NO PARKING ANY TIME R4-7 24"x30"
- 36: ROAD NARROWS W5-1 30"x30"

EXISTING SIGNS:

- 29: EAST 40 SNOW EMERGENCY ROUTE M3-2 24"x12" M1-4 24"x24" R95-3 24"x24"
- 33: WEST 40 SNOW EMERGENCY ROUTE M3-4 24"x12" M1-4 24"x24" R95-3 24"x24"



GENERAL NOTES

- ALL NEW EQUIPMENT SHALL BE INSTALLED AND OPERATIONAL PRIOR TO THE REMOVAL OF ANY EXISTING EQUIPMENT.
- REVISION "E" IS A REVISION TO THE TRAFFIC CONTROL SIGNAL BUILT IN 1972 UNDER SHA CONTRACT NO. B-284-485.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

REVISIONS	APPROVALS
1. REBUILD SIGNAL USING MAST ARMS SHA NO. K1005485 DATE: 4/23/01	ORIGINAL
2. REPLACE FAILED DETECTION SHA NO. 23854126026 DATE: 7/20/92	ON
3. INSTALL E/P ON SIDE STREET APPROACHES. AS-BUILT. DATE: 7/25/91	FILE
4. INSTALL LOOP DETECTORS ON SIDE STREETS AND LANE CONTROL SIGN DATE: 7/20-72	

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US 40 (PULASKI HIGHWAY) AND MIDDLE RIVER ROAD
MIDDLE RIVER, MARYLAND

DRAWN BY: L.T. & B.T.	F.A.P. NO. T-8007(19)	TS NO. 628(2)	SHEET NO. 1 OF 2
CHECKED BY: SCALE: 1"= 20'	S.H.A. NO. B-284-485	T.I.M.S. NO. E435	
DATE: 7-20-72	COUNTY: BALTIMORE	LOG MILES: 03004019.13	